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AUG 16 2006

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**AUG 16 2006**

August 16, 2006

PATENT APPLICATION

Our Docket No. 20030323.ORI

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re App : Naomi E. Chayen  
S.N. : 10/680,390 : Art Unit 1722  
Filed : October 2, 2003 : Examiner Felisa C. Hiteshew  
For : METHODS OF CRYSTAL OPTIMISATION

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MAIL STOP NON-FEE AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment Under 37 CFR in response to the Official Action dated June 8, 2006, in the above-identified patent application.

The Commissioner is hereby authorized to charge any fees listed in 37 CFR 1.16 and 1.17 which may be required by this paper or credit any overpayment to Deposit Account No. 08-1265.

No additional fee is required.

Yours very truly,

NIKOLAI & MERSEREAU, P.A.

C. G. Mersereau

CGM/bld

Enclosures

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**AMENDMENT UNDER 37 CFR 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir or Madam:

This paper is submitted in response to an non-final Official Action mailed on June 8, 2006 which carried a shortened-statutory period for response of three months so that a reply is due by September 8, 2006.

Applicant requests that the following amendments be entered: